

IN THE CLAIMS:

Please cancel Claim 33, without prejudice or disclaimer of subject matter, and please amend Claims 26, 29, 34, and 35, as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

Claims 1-16 (cancelled).

Claim 17 (previously presented): A transmission and/or reception device for mounting on a wheel of a vehicle, the device comprising:

- a tire information device configured to provide information relating to a tire;
- a transmitter/receiver electrically connected to the tire information device;
- an antenna electrically connected to the transmitter/receiver for transmitting and/or receiving radio frequency signals; and

- a housing configured to house the tire information device and the transmitter/receiver,

- wherein the antenna is formed by a cable wound around an outside face of the housing.

Claim 18 (previously presented): A device according to claim 17, wherein the outside face of the housing is shaped to protect the antenna.

Claim 19 (previously presented): A device according to claim 17, wherein the housing is shaped to be positioned on the wheel in such a manner that the wound cable forms a solenoid that is oriented along an ortho-radial axis of the wheel.

Claim 20 (previously presented): A device according to claim 17, wherein the outside face of the housing includes grooves configured to receive the cable.

Claim 21 (previously presented): A device according to claim 20, wherein at least one of the grooves is shaped to receive the cable fully, in such a manner that the cable is protected by the ridges between the grooves against possible contact.

Claim 22 (previously presented): A device according to claim 20, wherein the grooves are formed by spaces between ribs formed on the outside face of the housing.

Claim 23 (previously presented): device according to claim 17, including an outer protective film covering the antenna formed on the outside face of the housing.

Claim 24 (previously presented): A device according to claim 23, wherein the film comprises a heat-shrink plastic material.

Claim 25 (previously presented): A device according to claim 24, wherein the film comprises at least one of polyethylene and polytetrafluoroethylene (PTFE).

Claim 26 (currently amended): A device according to claim 23, wherein the film comprises at least one of polypropylene, polyphenylene sulphide (PPS), and polyamide.

Claim 27 (previously presented): A device according to claim 17, wherein an outside protecting layer is molded onto the antenna formed on the outside face of the housing.

Claim 28 (previously presented): A device according to claim 27, wherein the molded outside protective layer comprises the same material as the housing.

Claim 29 (currently amended): A device according to claim 27, wherein the molded outside protective layer is obtained by injection molding a thermosetting material.

Claim 30 (previously presented): A device according to claim 29, wherein the thermosetting material comprises at least one of epoxy resin, phenolic resin, polycarbonate, polyurethane, polyamide, vinyl ester, and polyester.

Claim 31 (previously presented): A device according to claim 27, wherein the molded outside protective layer comprises polyphthalamide (PPA).

Claim 32 (previously presented): A device according to claim 17, wherein the tire information device comprises a pressure sensor for measuring the pressure inside a tire mounted on the wheel.

Claim 33 (cancelled).

Claim 34 (currently amended): A housing ~~according to claim 33,~~ for a transmission and/or reception device configured to be mounted to a vehicle wheel, the transmission and/or reception device including an antenna, the housing comprising:

an interior portion for housing the transmission and/or reception device; and

an outside face shaped to support a cable forming the antenna,

wherein the outside face is shaped to support the cable wrapped around the housing in a solenoidal arrangement,

wherein the housing is shaped to be positioned on the wheel in such a manner that the wound cable forms a solenoid oriented along an ortho-radial axis of the wheel.

Claim 35 (currently amended): A housing according to claim ~~[[33]]~~ 34, wherein the outside face of the housing comprises grooves suitable for receiving the cable.

Claim 36 (previously presented): A housing according to claim 35, wherein at least one of the grooves is shaped to receive the cable fully, in such a manner that the cable is protected by the ridges between the grooves against possible contact.

Claim 37 (previously presented): A device according to claim 36, wherein the grooves are formed by spaces between ribs formed on the outside face of the housing.